Amendments to the Claims:

Please cancel claims 2-31.

**Listing of Claims**:

1. (Original) A method in a computer system for using processor

compatibility information to select a compatible processor for addition to a multiprocessor

computer, the multiprocessor computer having at least one current processor in a CPU slot and

having at least one additional CPU slot in which the new processor can be added, a processor

having a revision number, the method comprising:

obtaining the processor compatibility information that indicates the various model

and revisions of processors that are compatible with each of a set of processor models and

revisions;

determining the number of current processors in the multiprocessor computer and

the model and revision numbers of each processor by executing a computer program on the

multiprocessor computer, the computer program directing each processor in the multiprocessor

computer to execute at least one instruction that allows the model and revision number of the

processor to be determined; and

comparing the model and revision numbers of the current processors in the

multiprocessor computer with the processor compatibility information to determine the revision

numbers of processors that are compatible with all current processors.

Respectfully submitted,

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